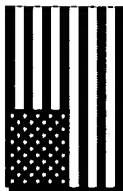
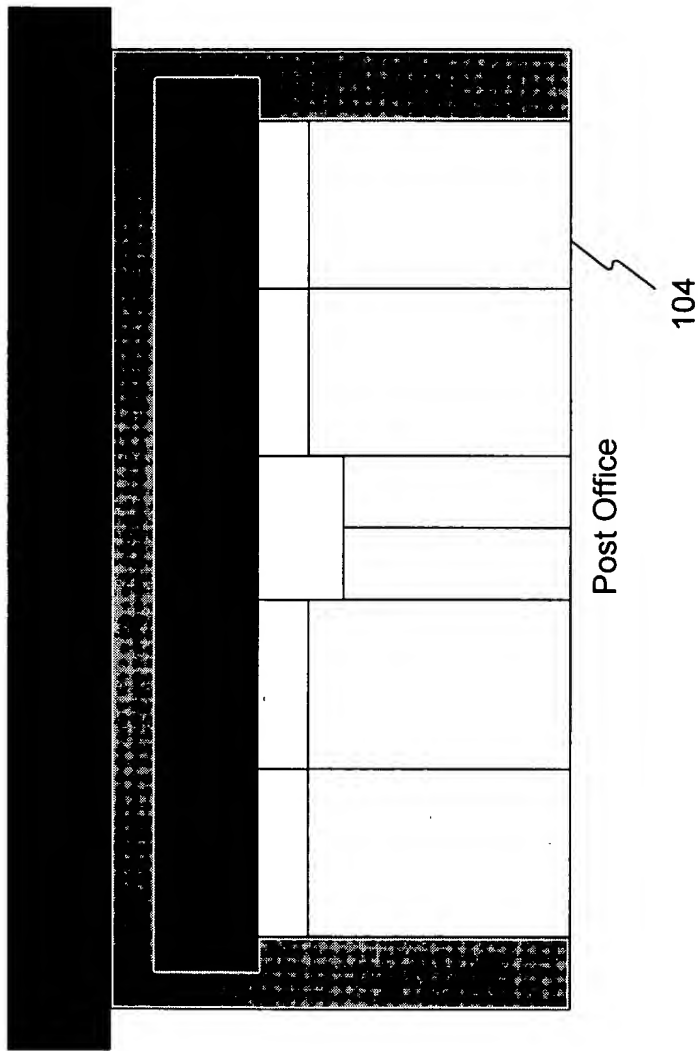


001680 20259900

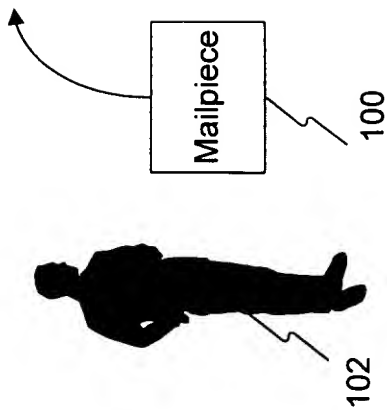


Best Available Copy



Post Office

104



Mailpiece

100

102

FIG. 1

007E60 4025960

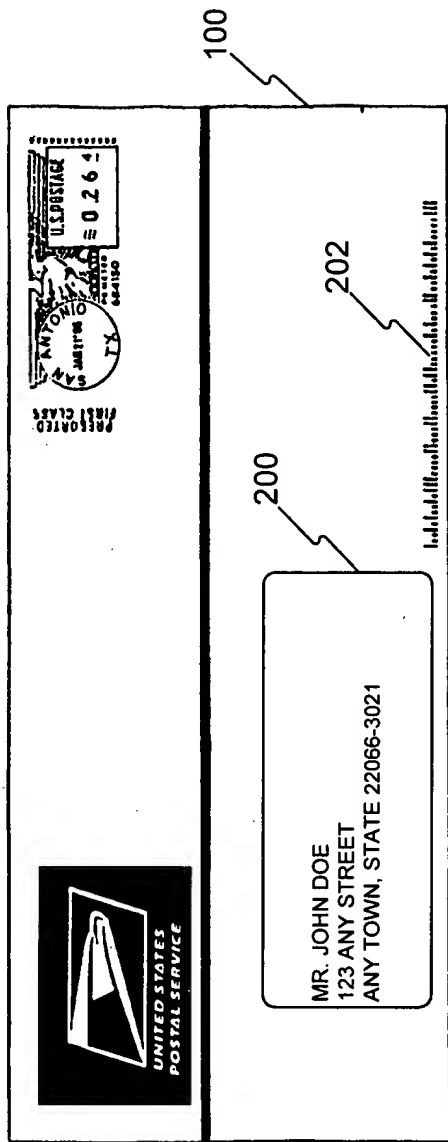


FIG. 2A

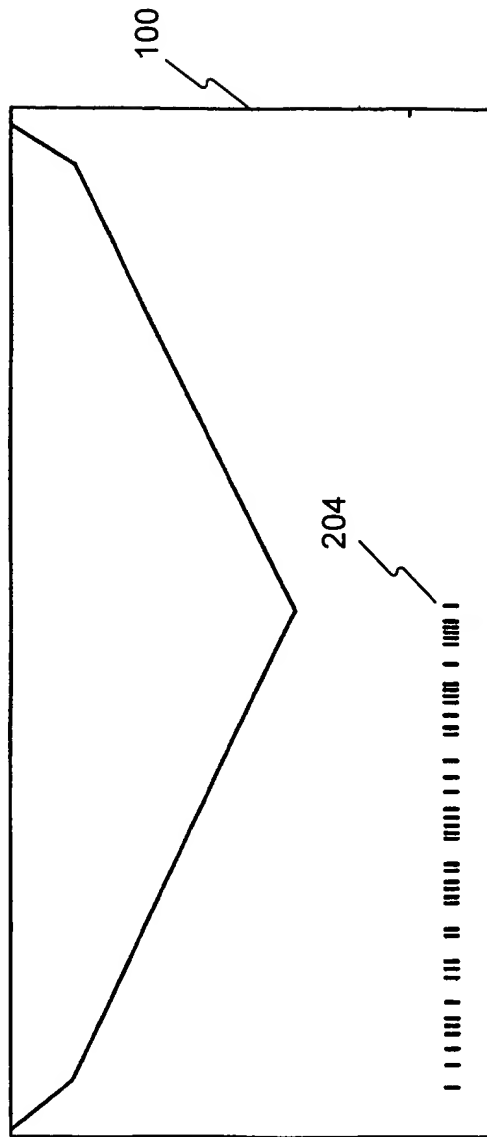


FIG. 2B

300

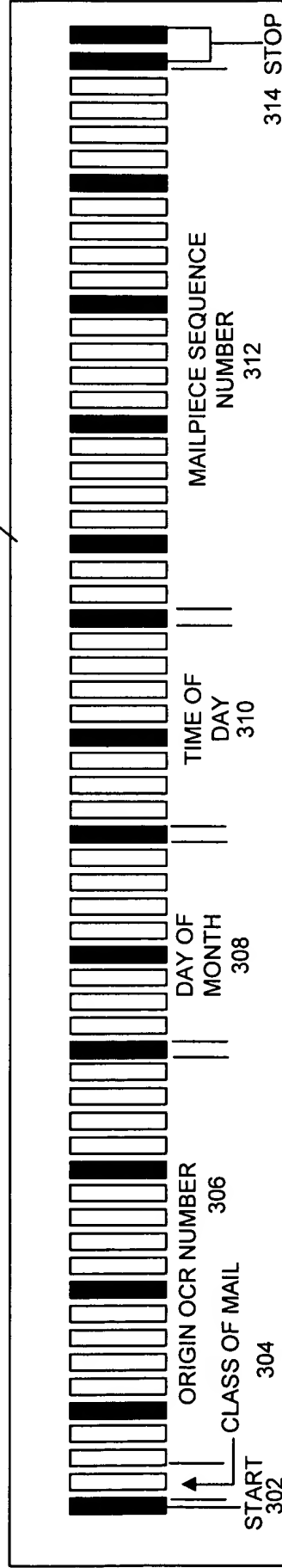


FIG. 3

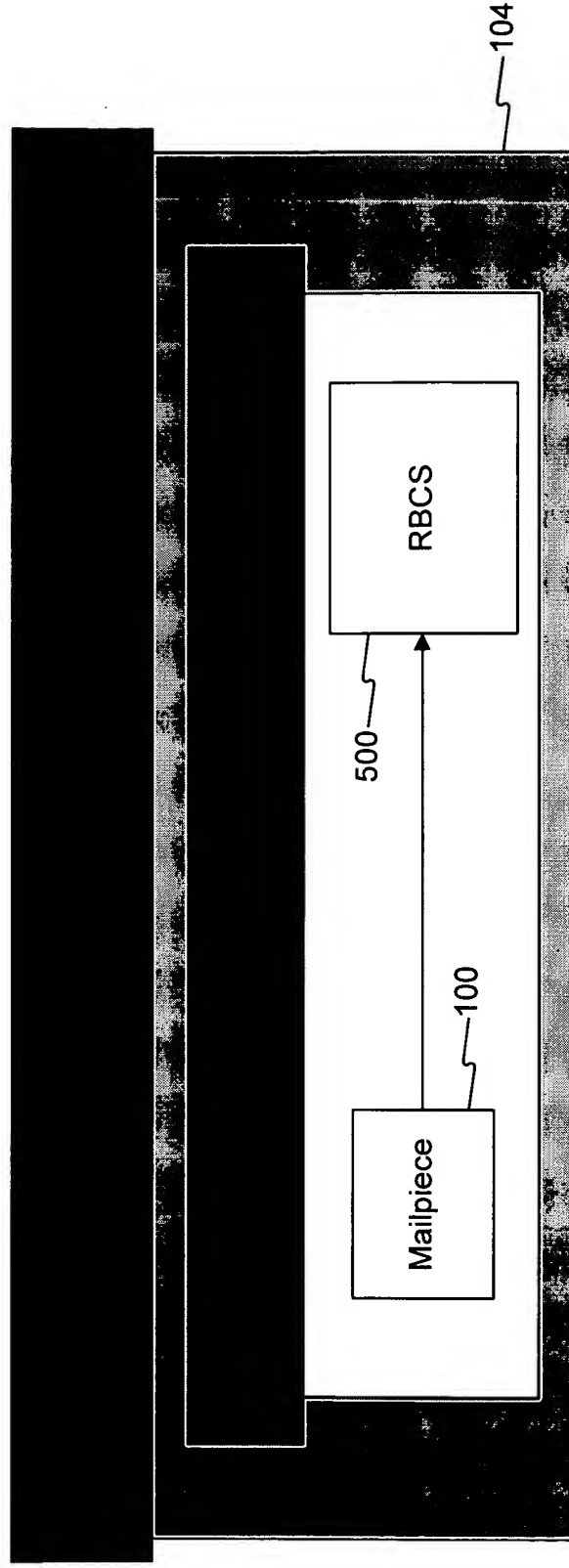


FIG. 4A

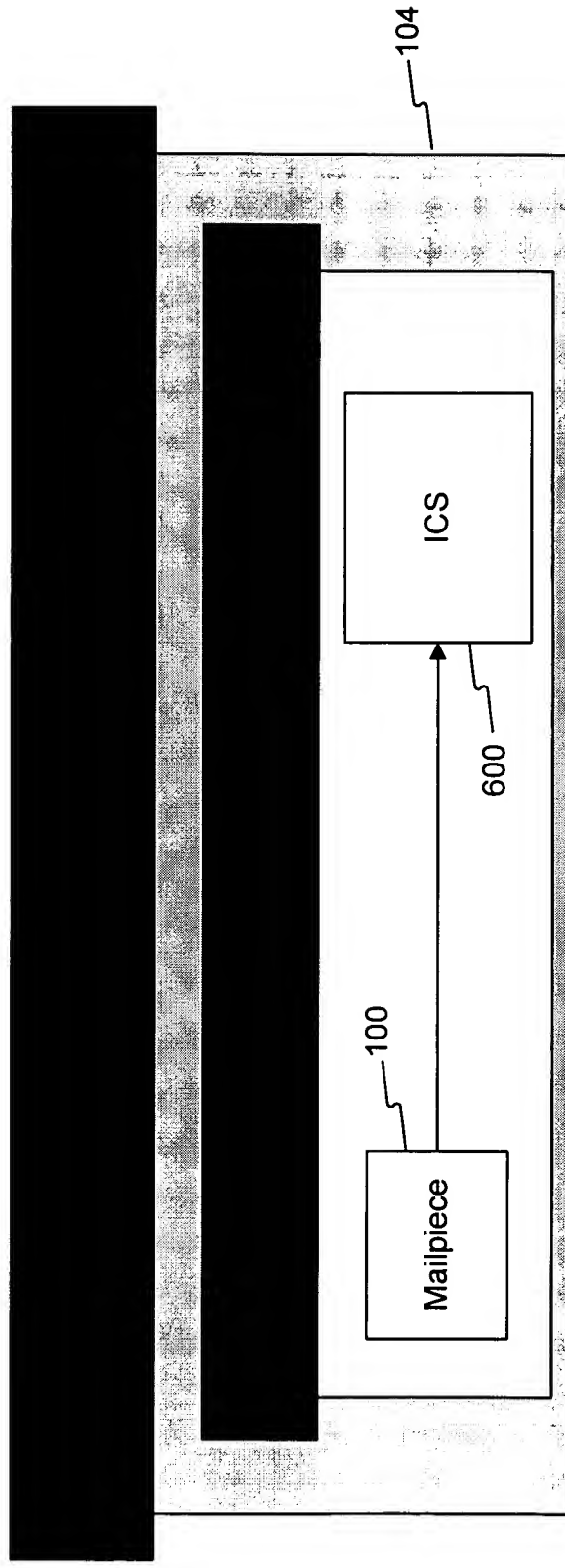


FIG. 4B

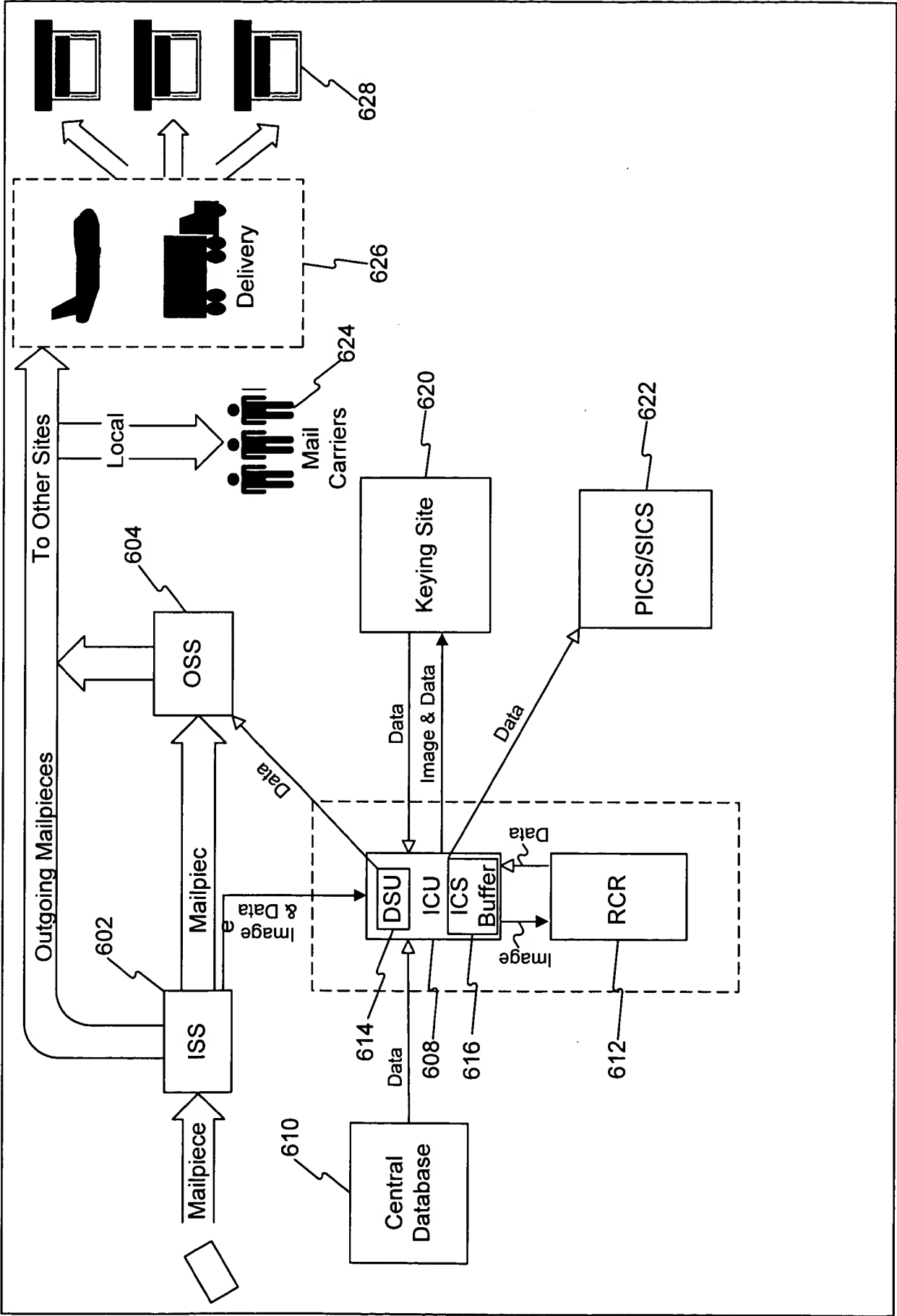


FIG. 6B

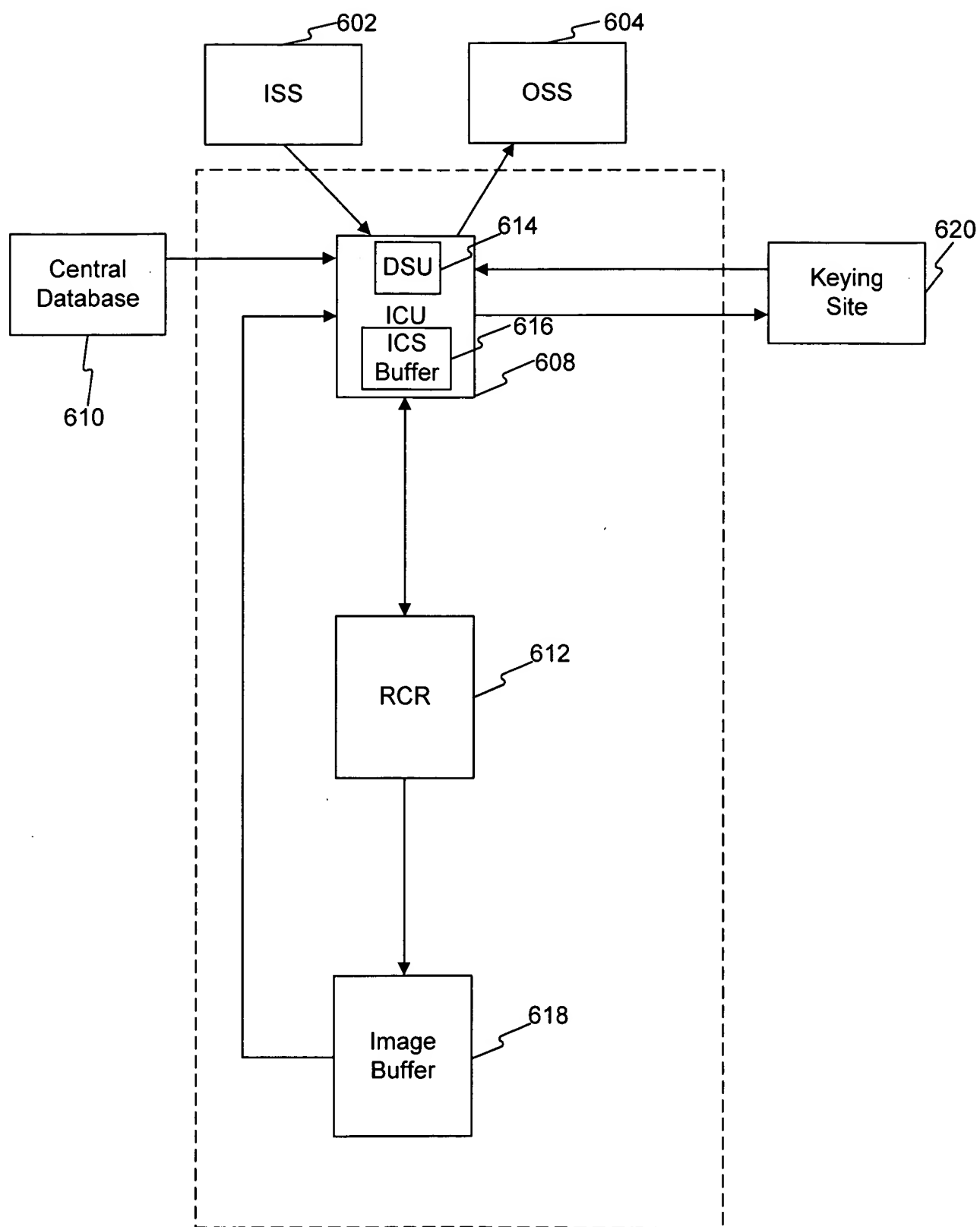


FIG. 7

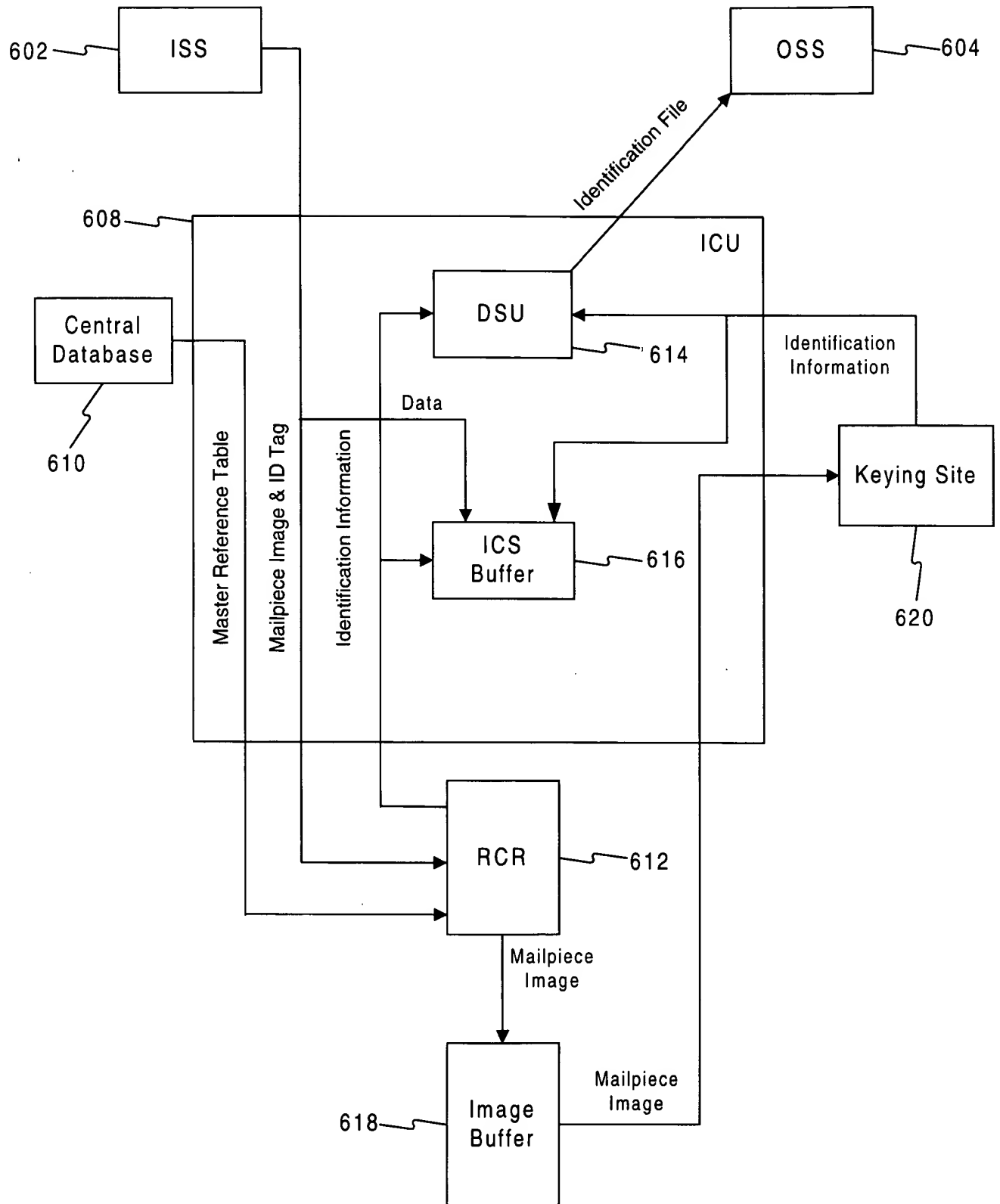


FIG. 8

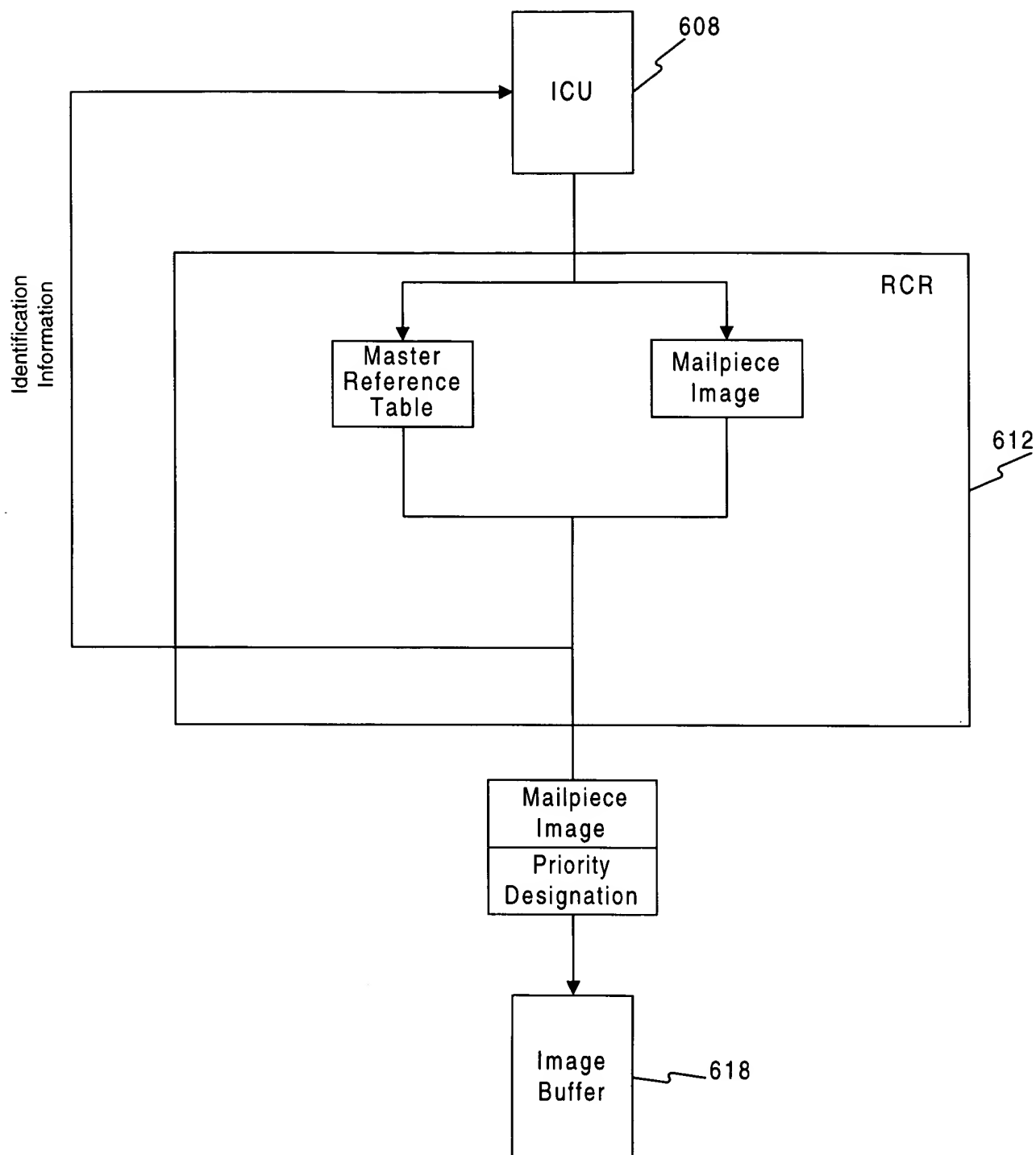


FIG. 9

001680 20229900

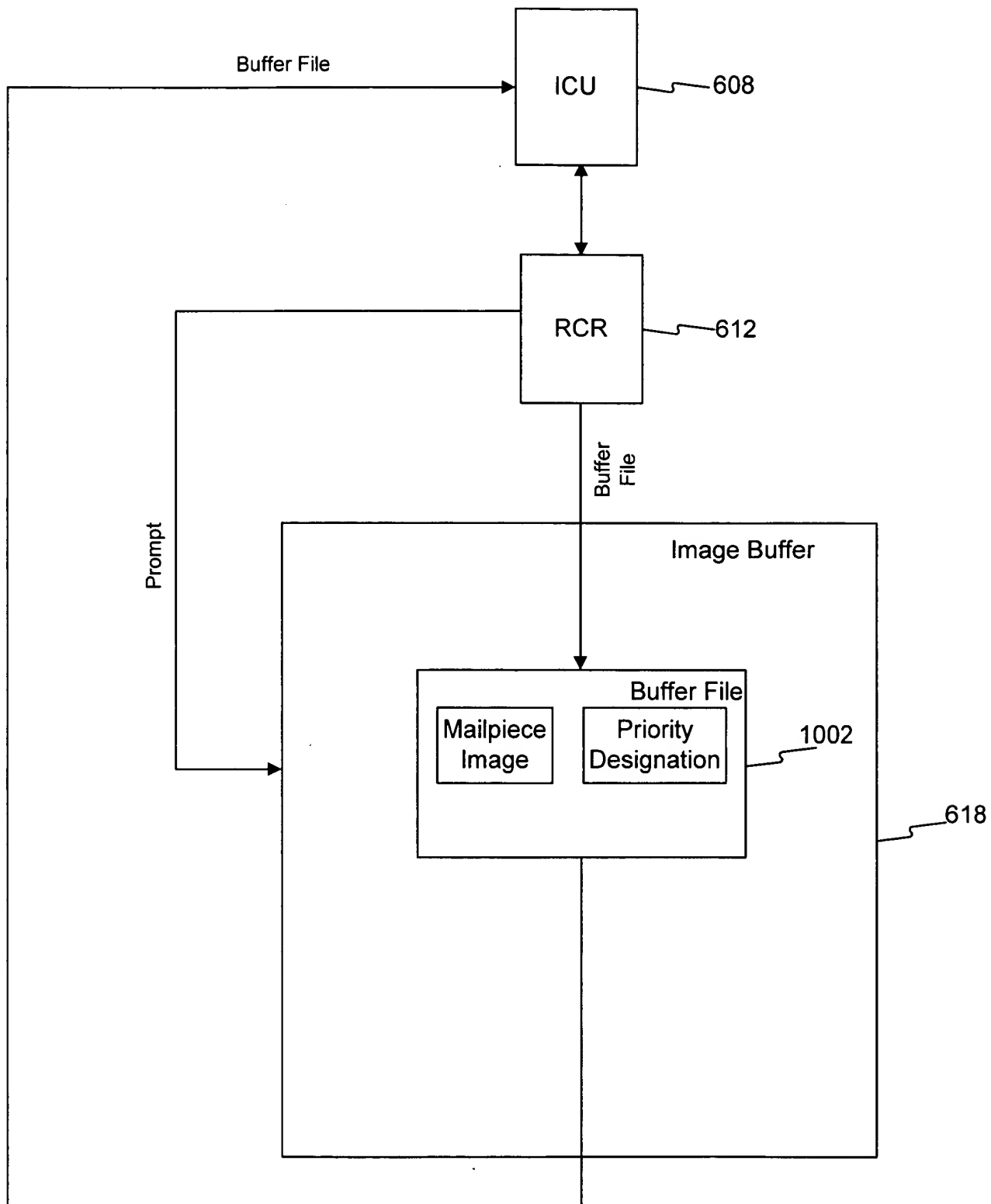


FIG. 10

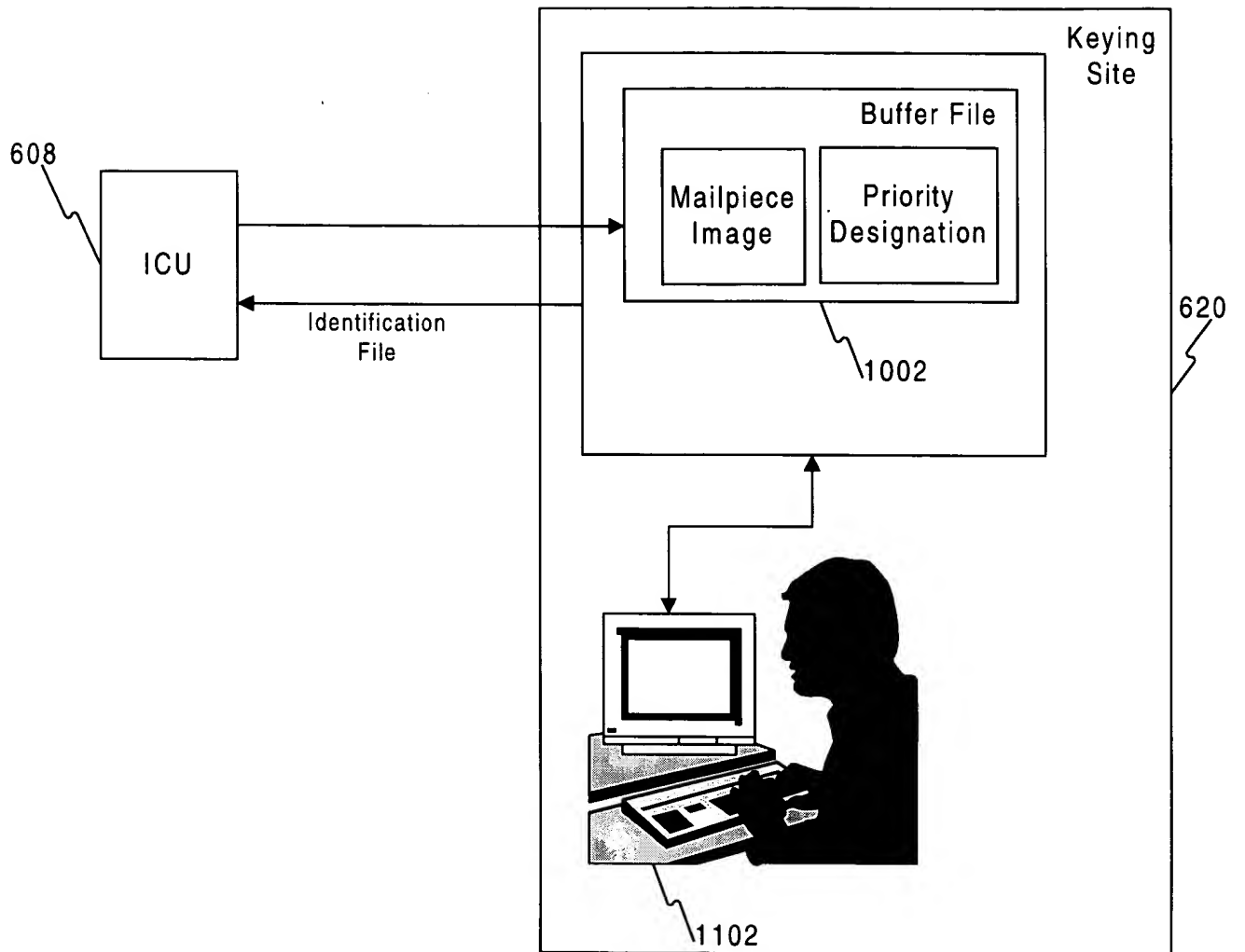


FIG. 11

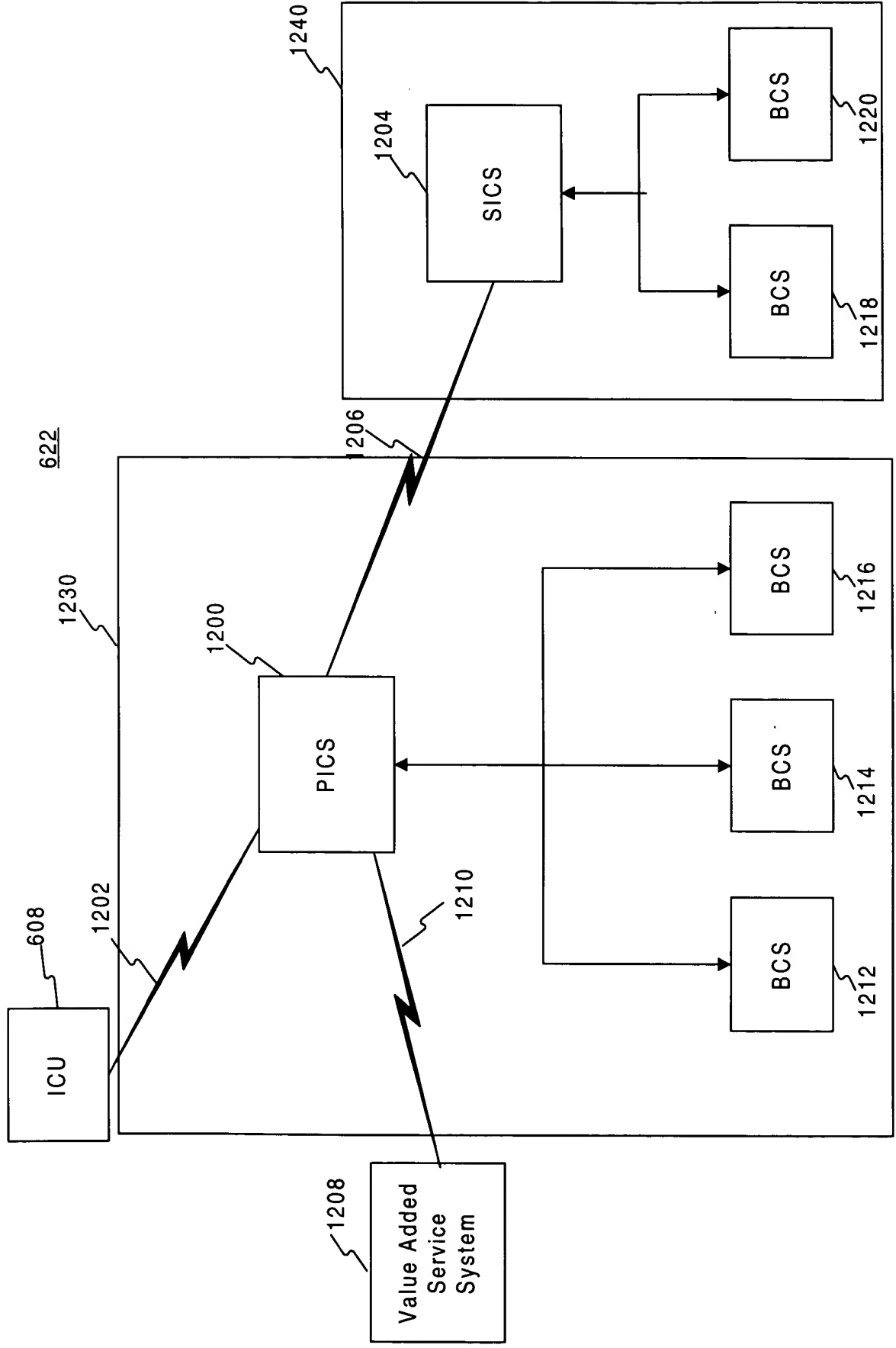


FIG. 12

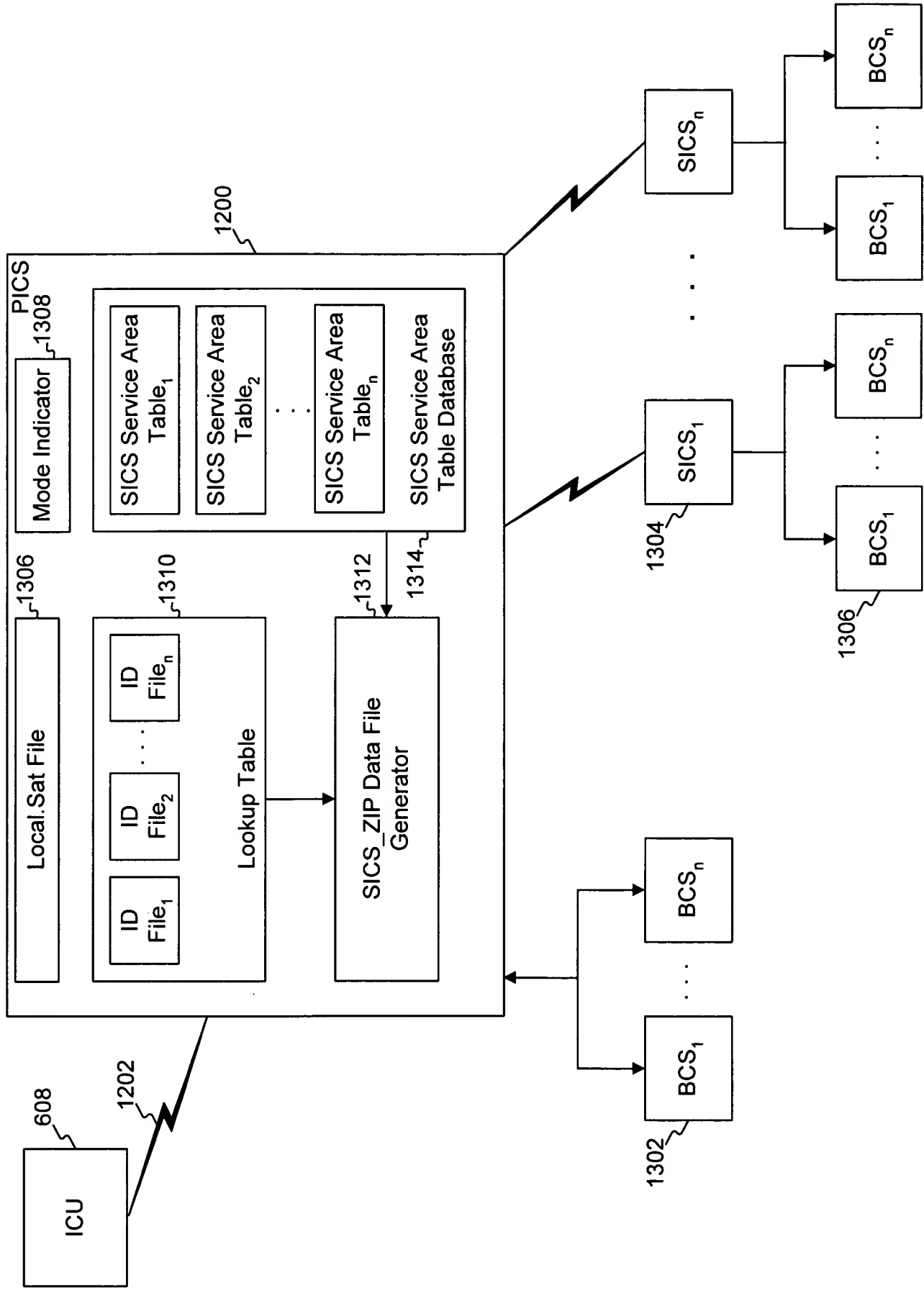
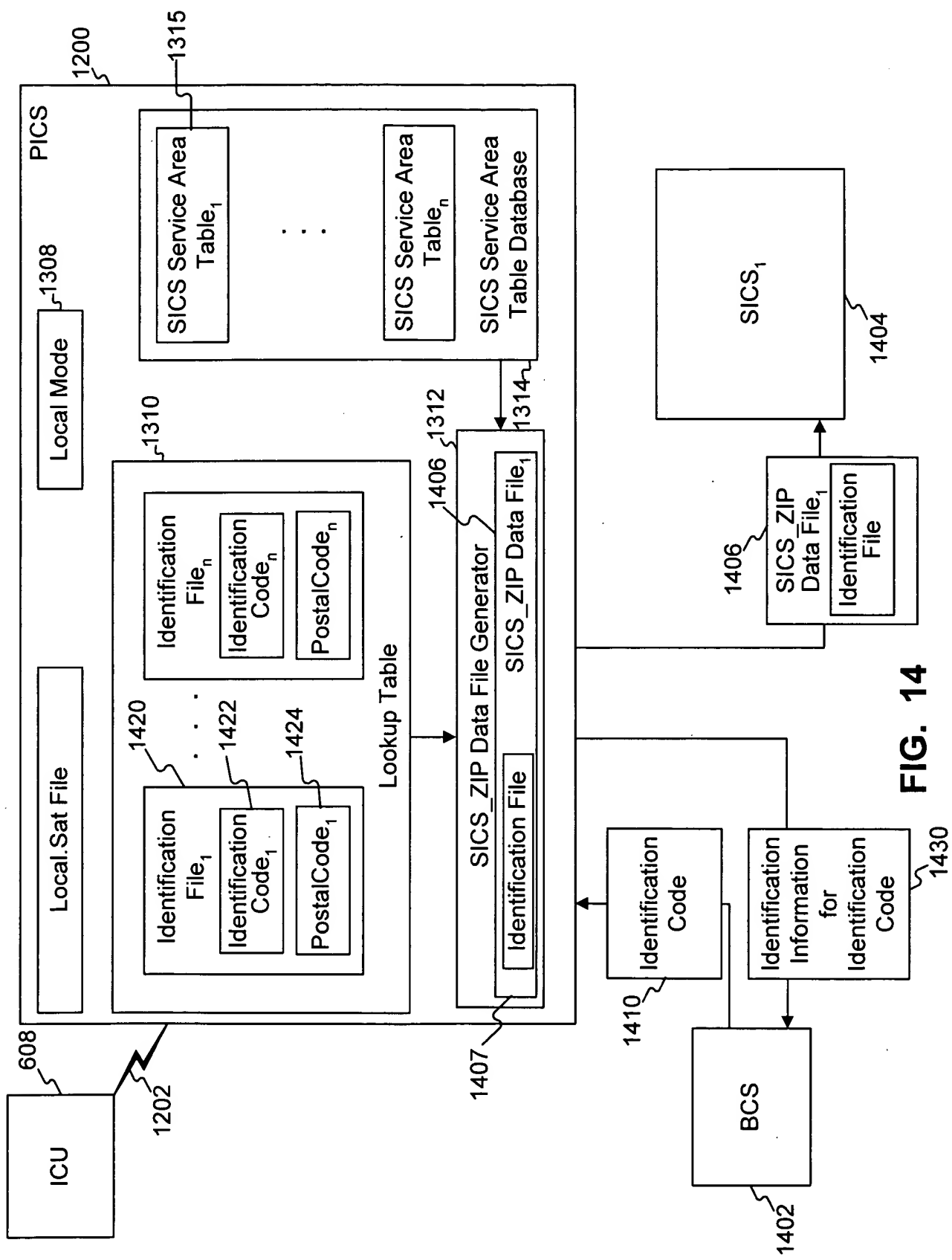


FIG. 13



The diagram illustrates a system architecture for processing identification codes and postal codes. At the top left, a box labeled **PICS** (1200) is connected to a large central box labeled **SICS₁** (1404). A lightning bolt symbol indicates a data link between PICS and SICS₁. Inside SICS₁, there is a sub-box labeled **SICS_ZIP Data File₁** (1406). This sub-box contains two main sections: **Identification File₁** and **Identification File_n**, separated by an ellipsis. Each file section contains two sub-boxes: **Identification Code₁** (or **Identification Code_n**) and **PostalCode₁** (or **PostalCode_n**). Below the SICS₁ box, there are three more boxes: **Identification Code** (1510), **Identification for Identification Code** (1520), and **BCS** (1502). Arrows show the flow of data: from PICS to SICS₁, from SICS₁ to the Identification Code box (1510), from the Identification Code box to the BCS box (1502), and from the Identification for Identification Code box (1520) to the BCS box (1502). Additionally, an arrow points from the BCS box (1502) back to the SICS₁ box (1404).

FIG. 15

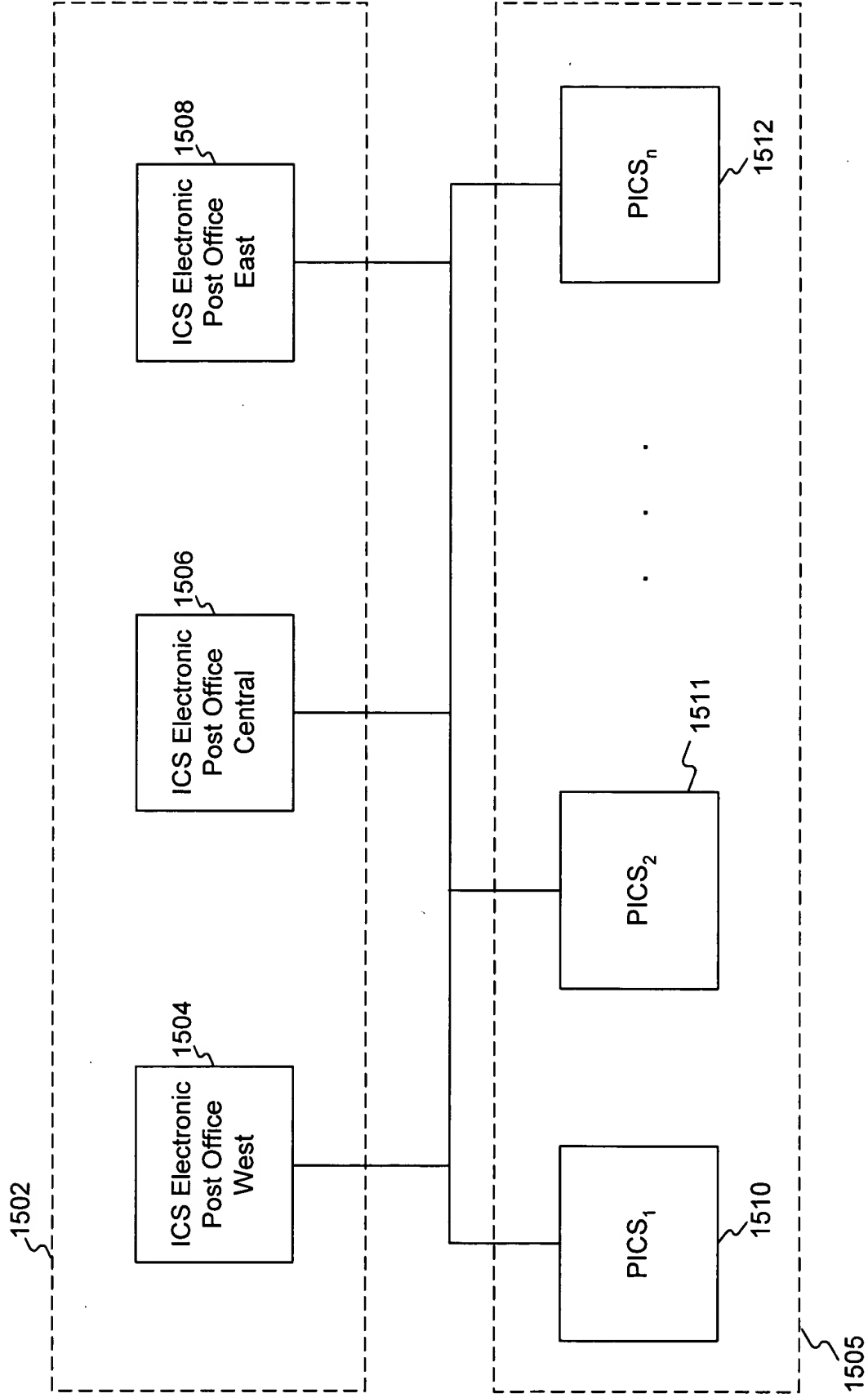


FIG. 15A

Figure 3 is a block diagram illustrating the system architecture. The diagram is organized into several main sections:

- Top Section (PICS):** A large box labeled "PICS" (1510) contains three stacked components: "National Mode" (1511), "Lookup Table" (1512), and "EPO.Sat File" (1513).
- Intermediate Section:** Below the PICS box, there are two boxes: "Identification Files" (containing "Local.Sat File") and "ID Records". Arrows point from these boxes to the "PICS" box and to the "ICS Electronic Post Office" box.
- ICS Electronic Post Office:** A large box labeled "ICS Electronic Post Office" (1520) contains two main sub-sections:
 - Storage Buffer:** A box on the left containing "Identification File_n" (1514) and other files (1515).
 - PICS Table Buffer:** A box on the right containing a stack of "PICS Table₁" (1518), "PICS Table₂" (1519), and "PICS Table_n" (1516), with a "PICS Table Buffer" label at the bottom.
- Bottom Section:** Below the "ICS Electronic Post Office" box, there are two boxes: "PICS Table" and "National.Sat File". Arrows point from these boxes to a final box labeled "PICS_n" (1530).

1530

1600

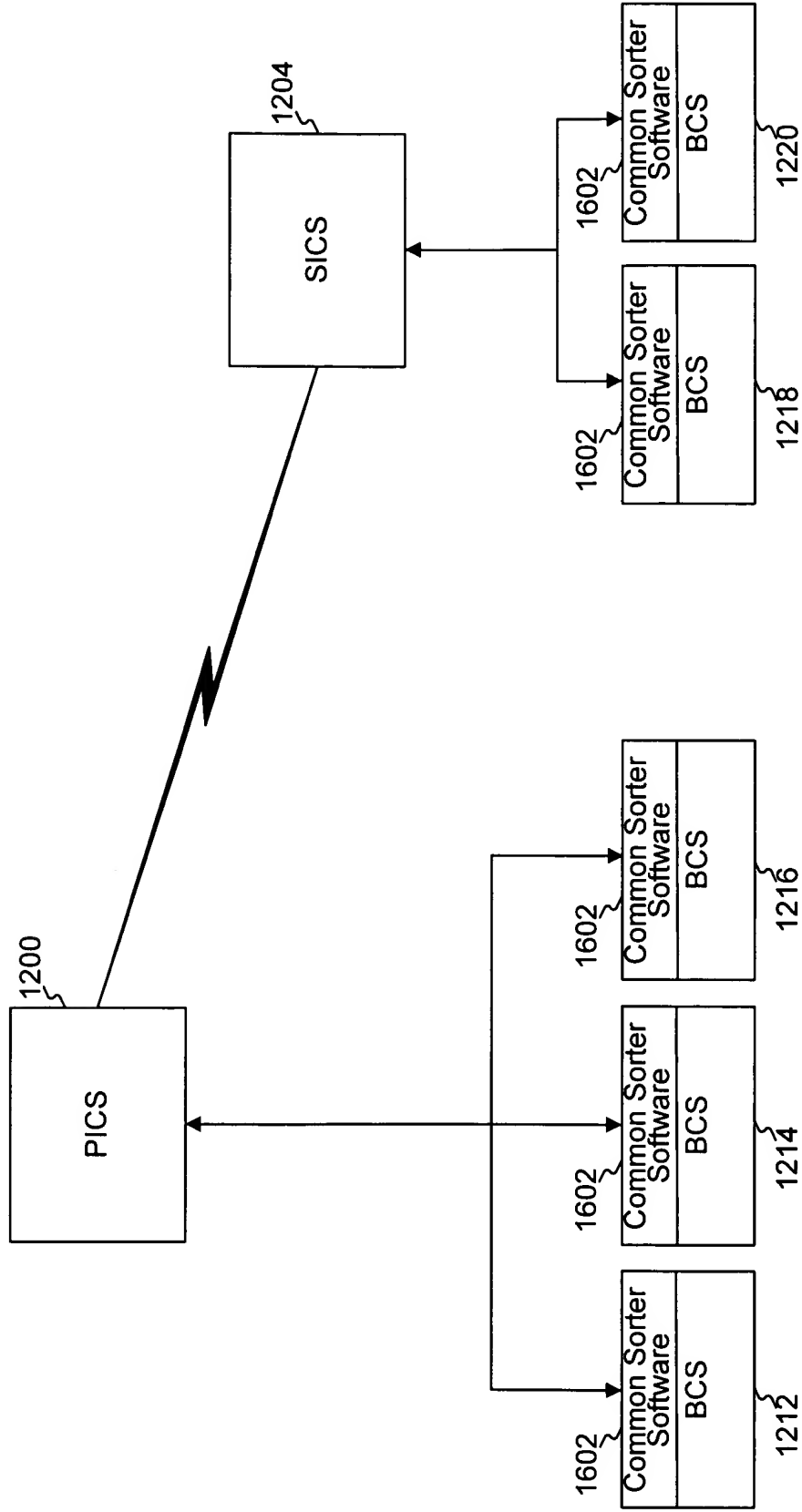


FIG. 16

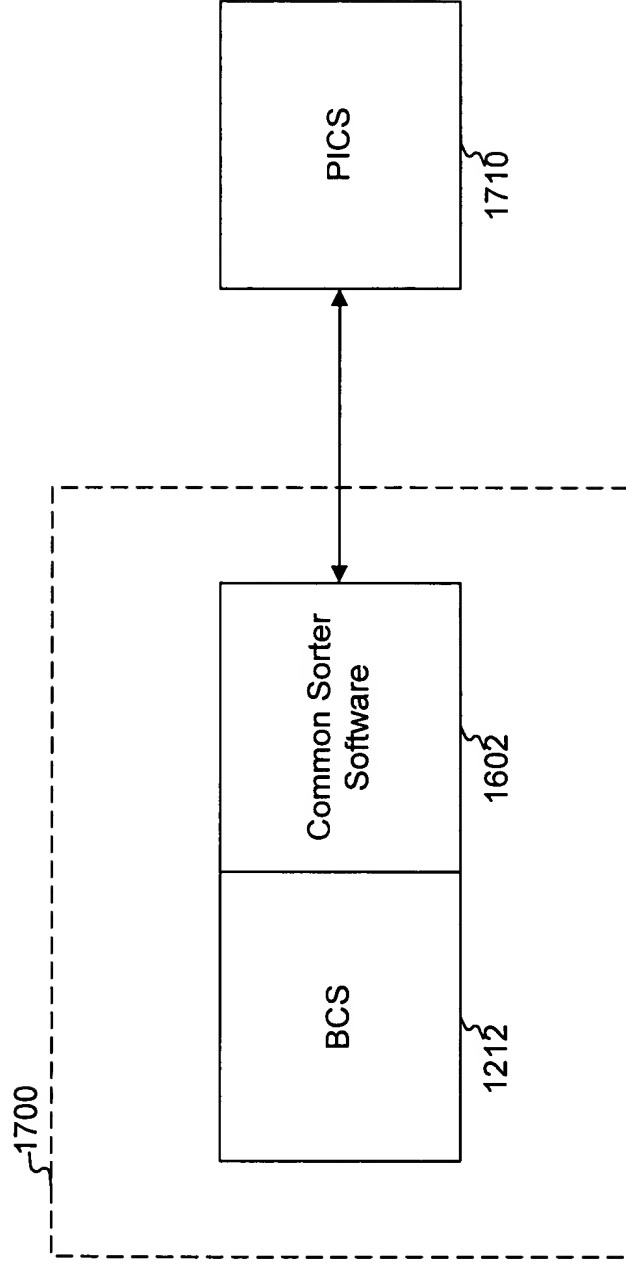


FIG. 17

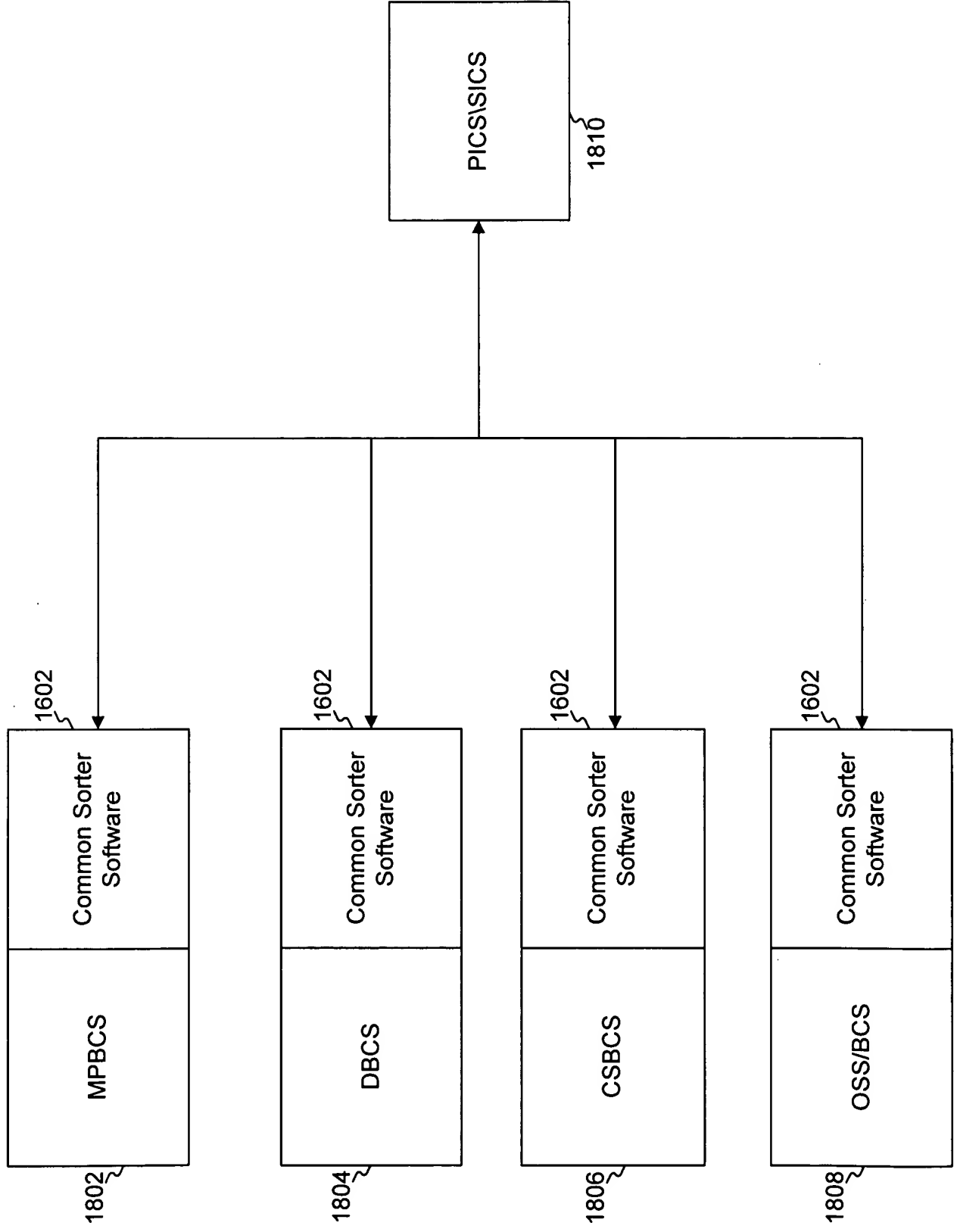


FIG. 18

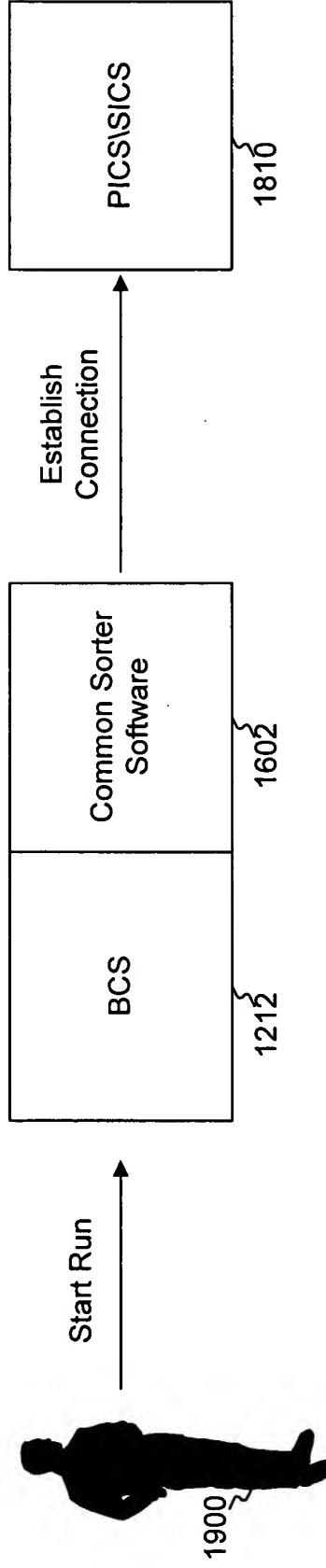


FIG. 19A

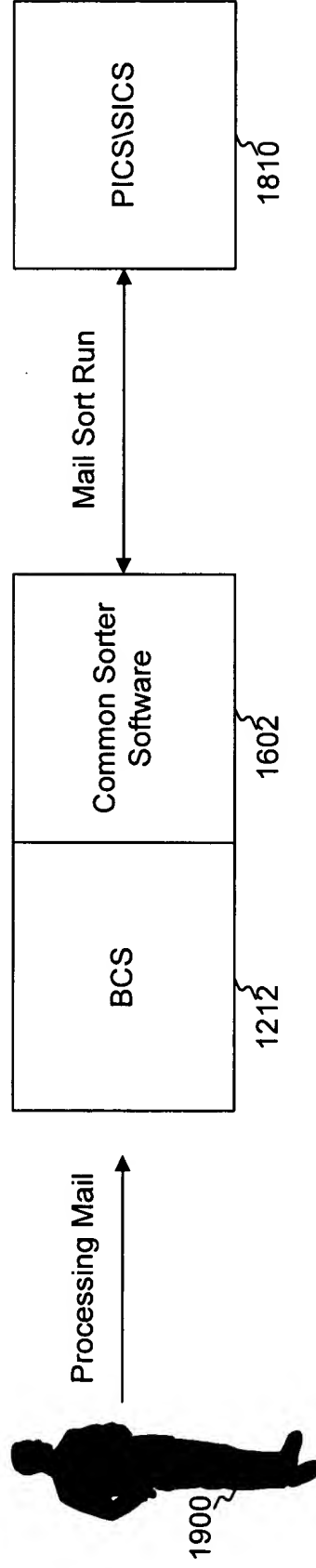


FIG. 19B

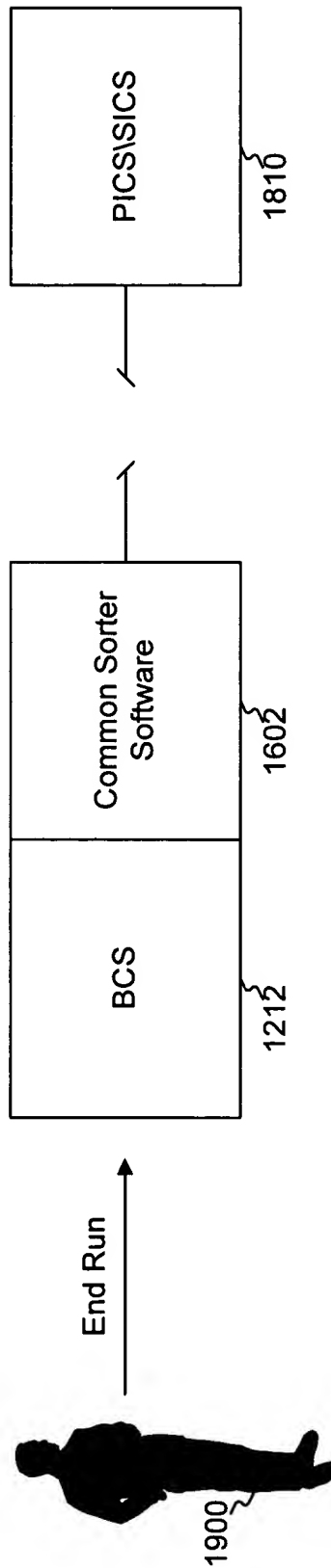


FIG. 19C

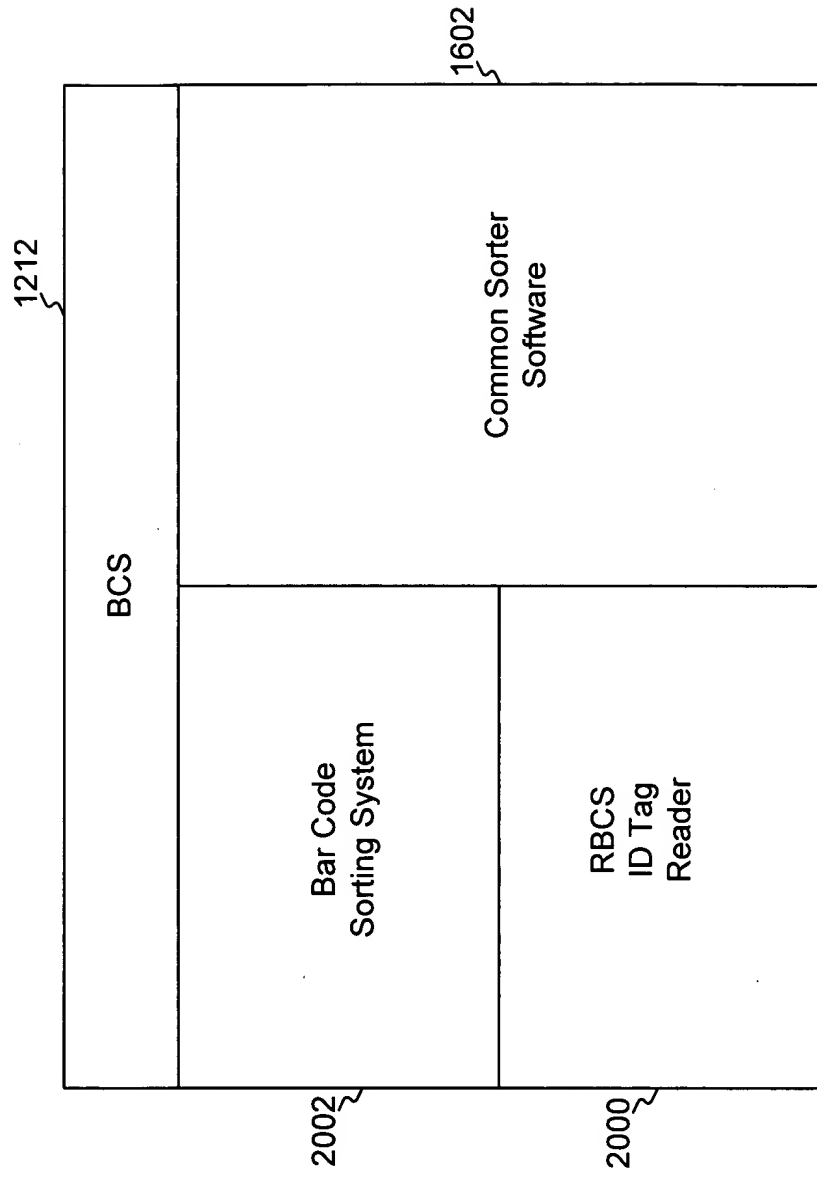


FIG. 20

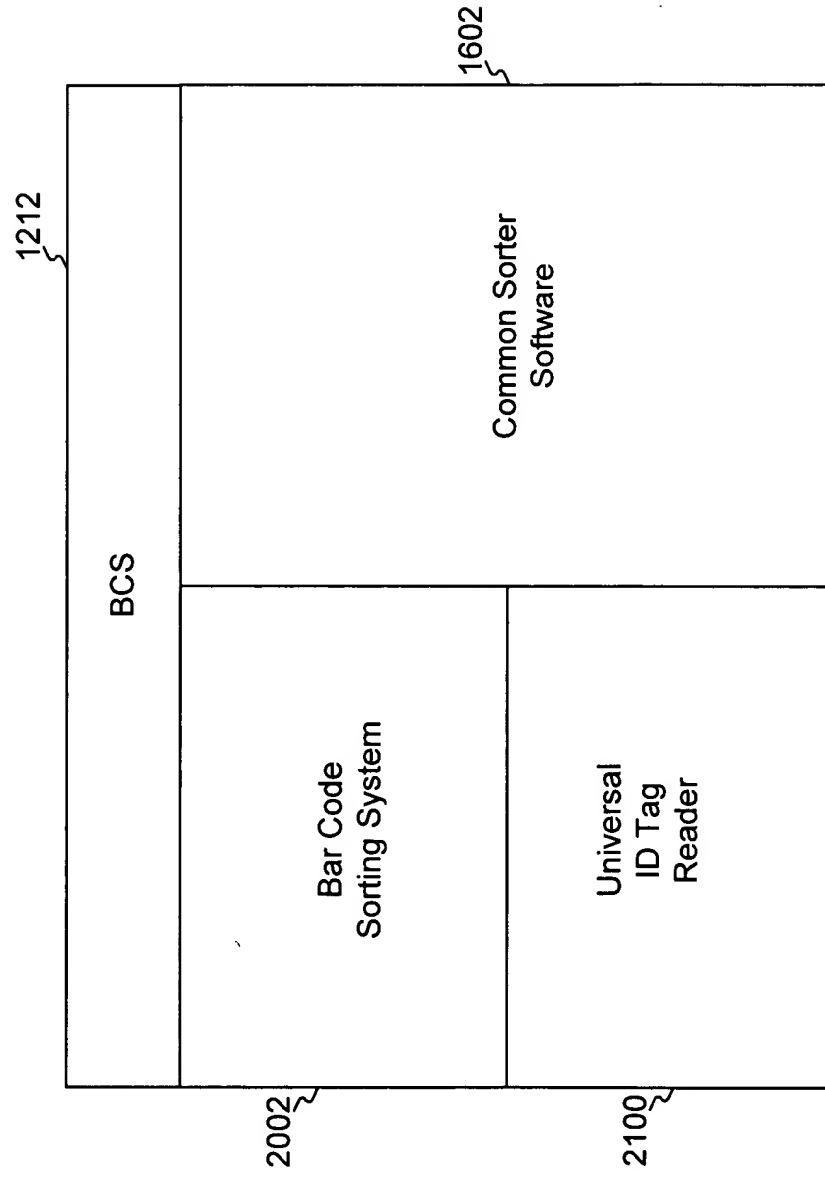


FIG. 21

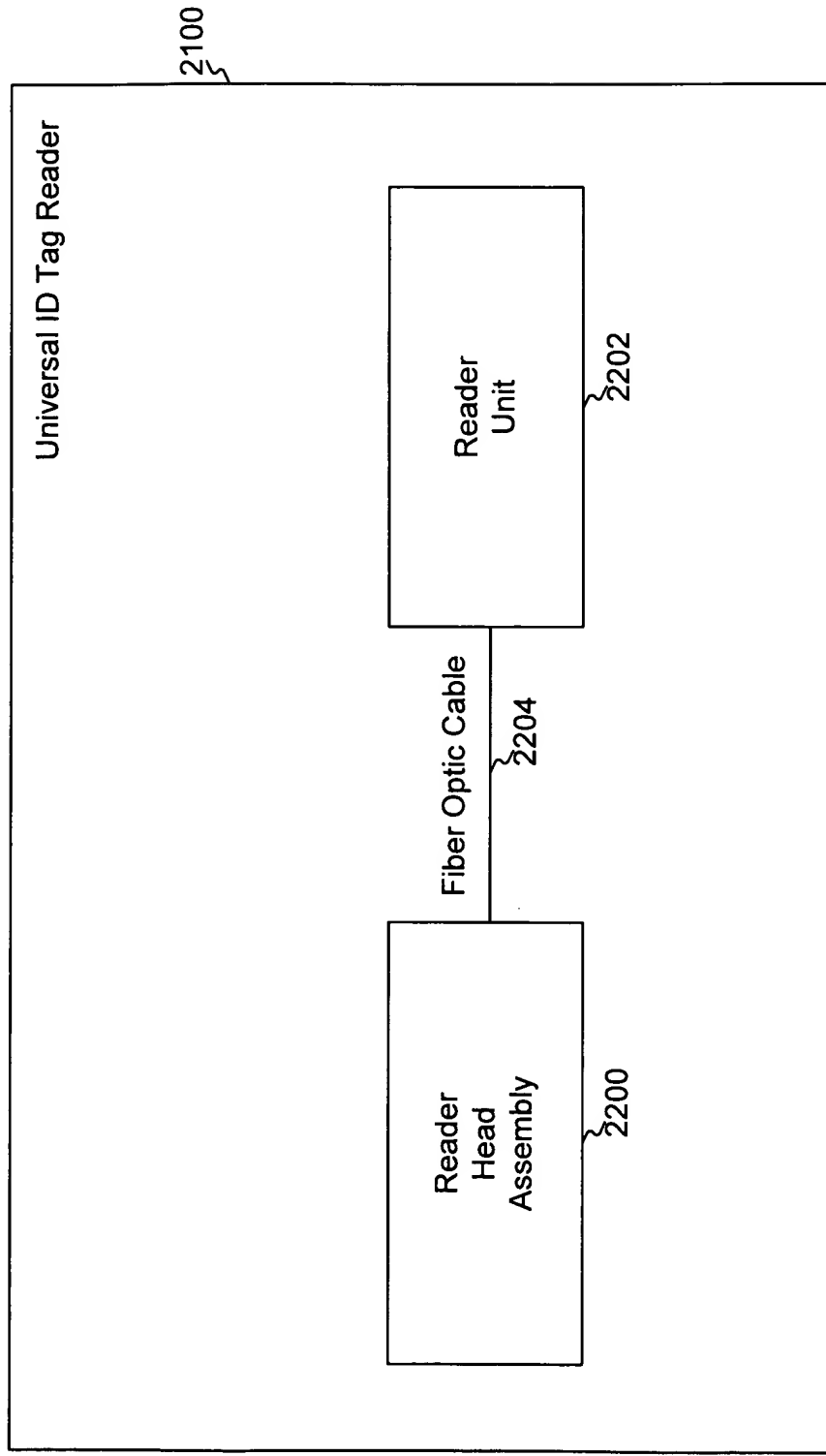


FIG. 22

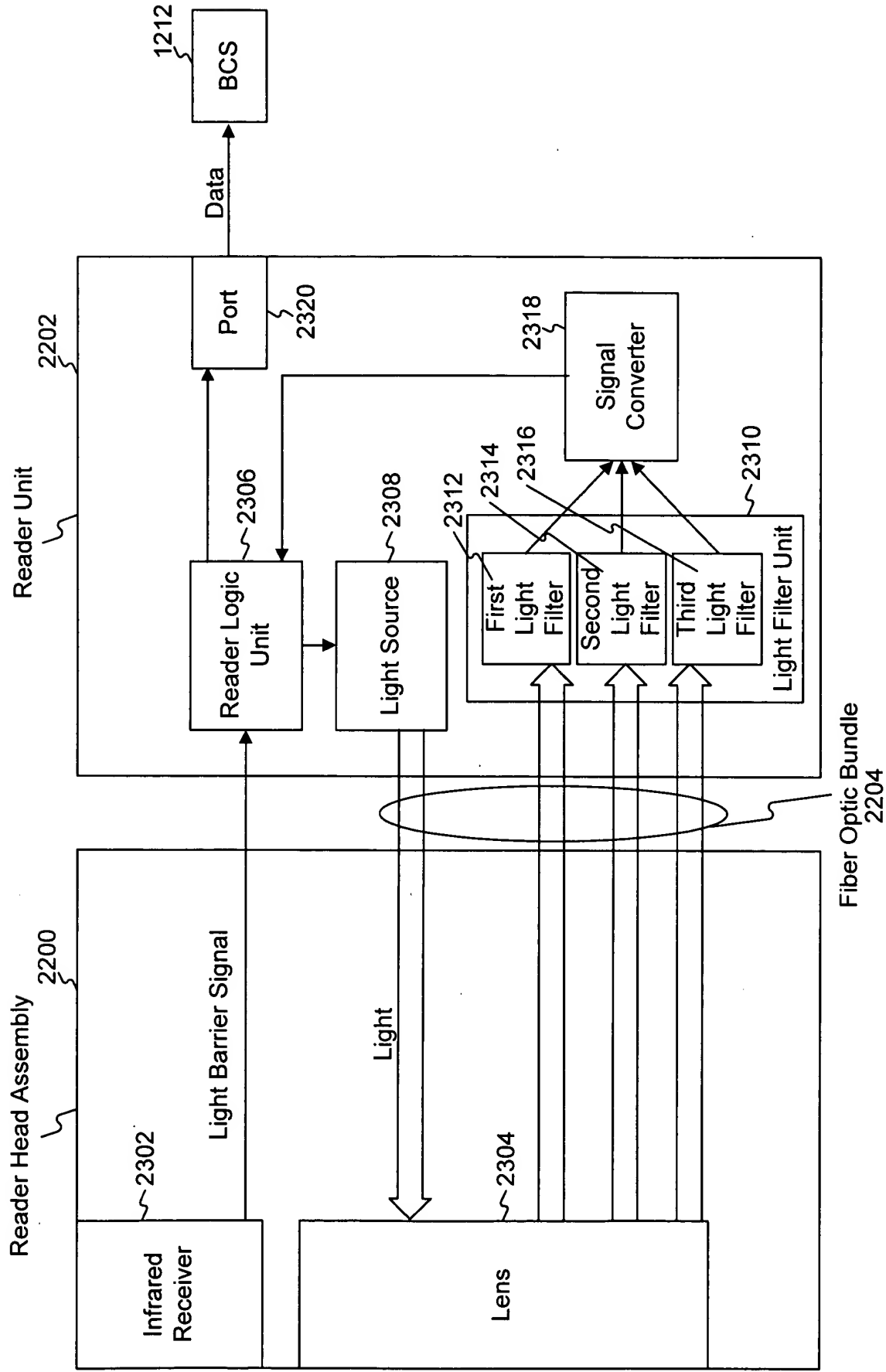


FIG. 23

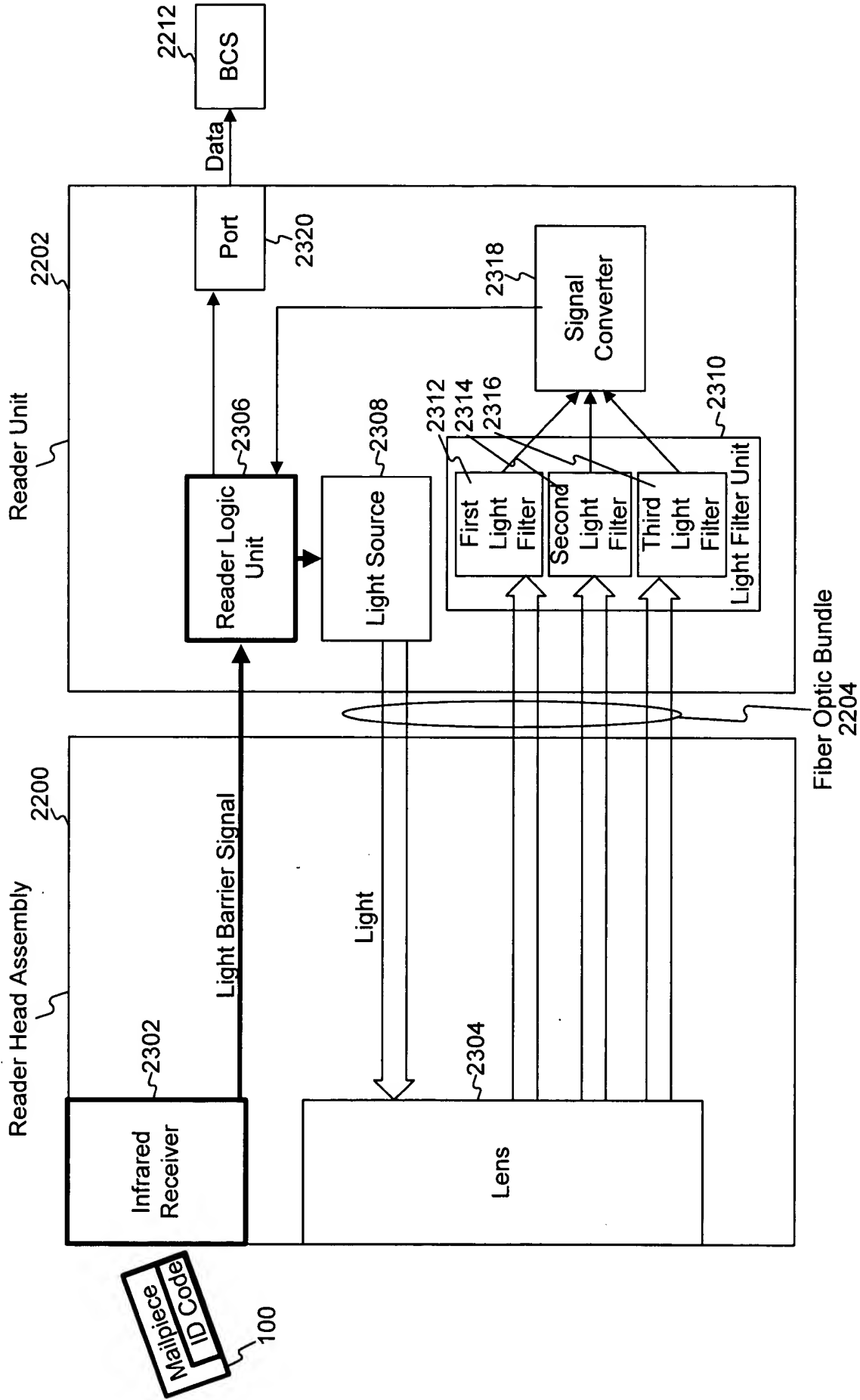


FIG. 24A

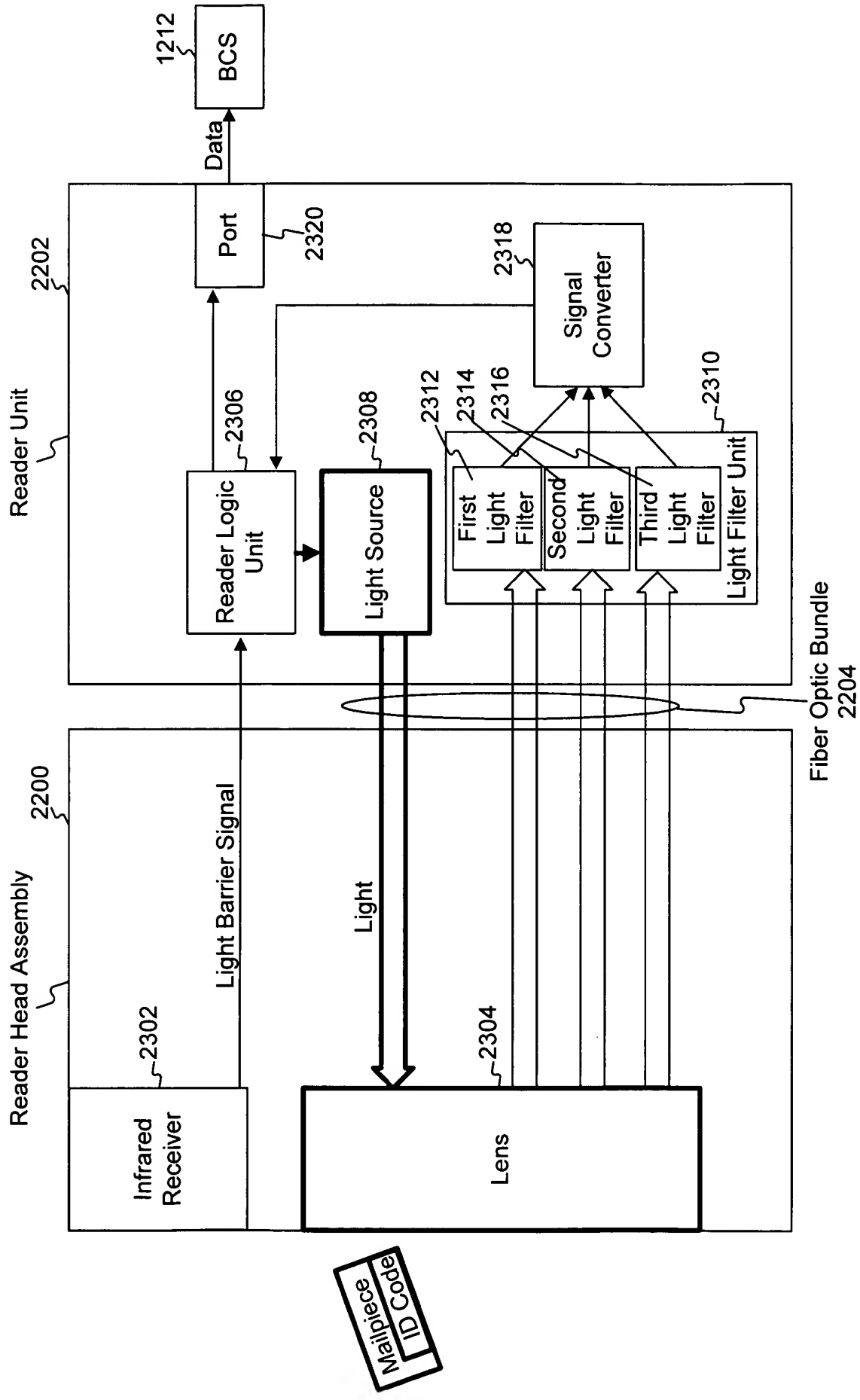


FIG. 24B

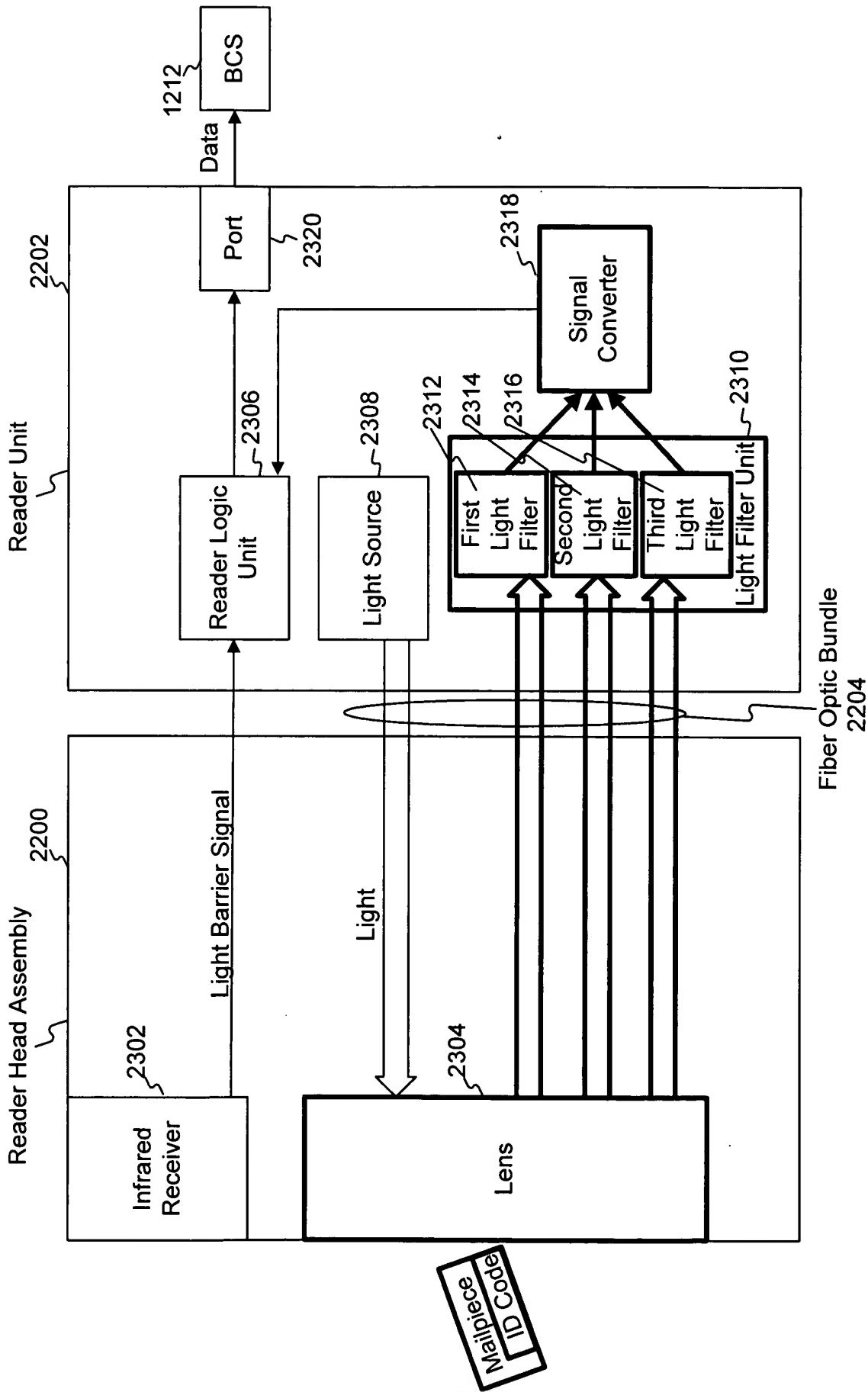


FIG. 24C

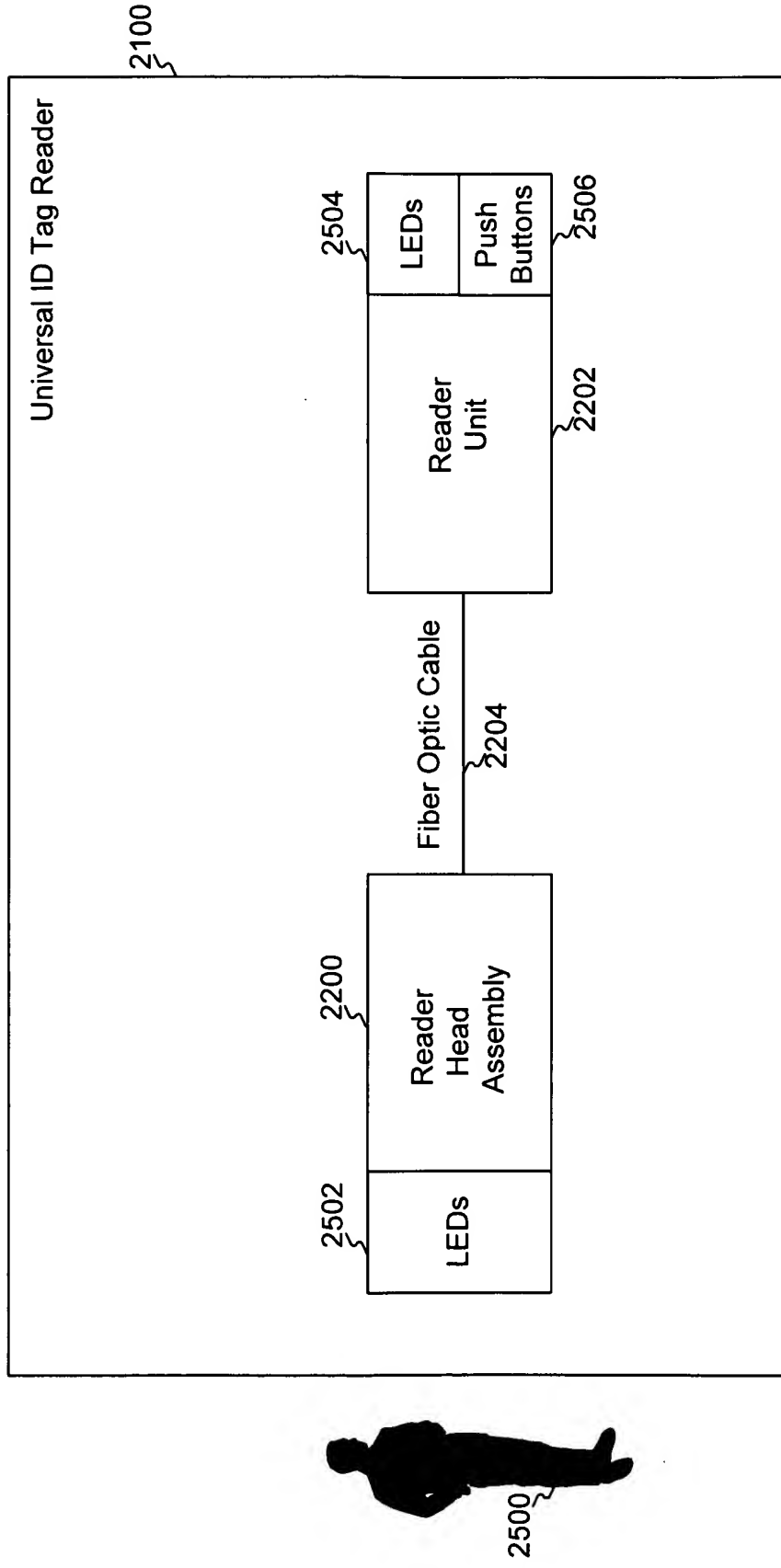


FIG. 25

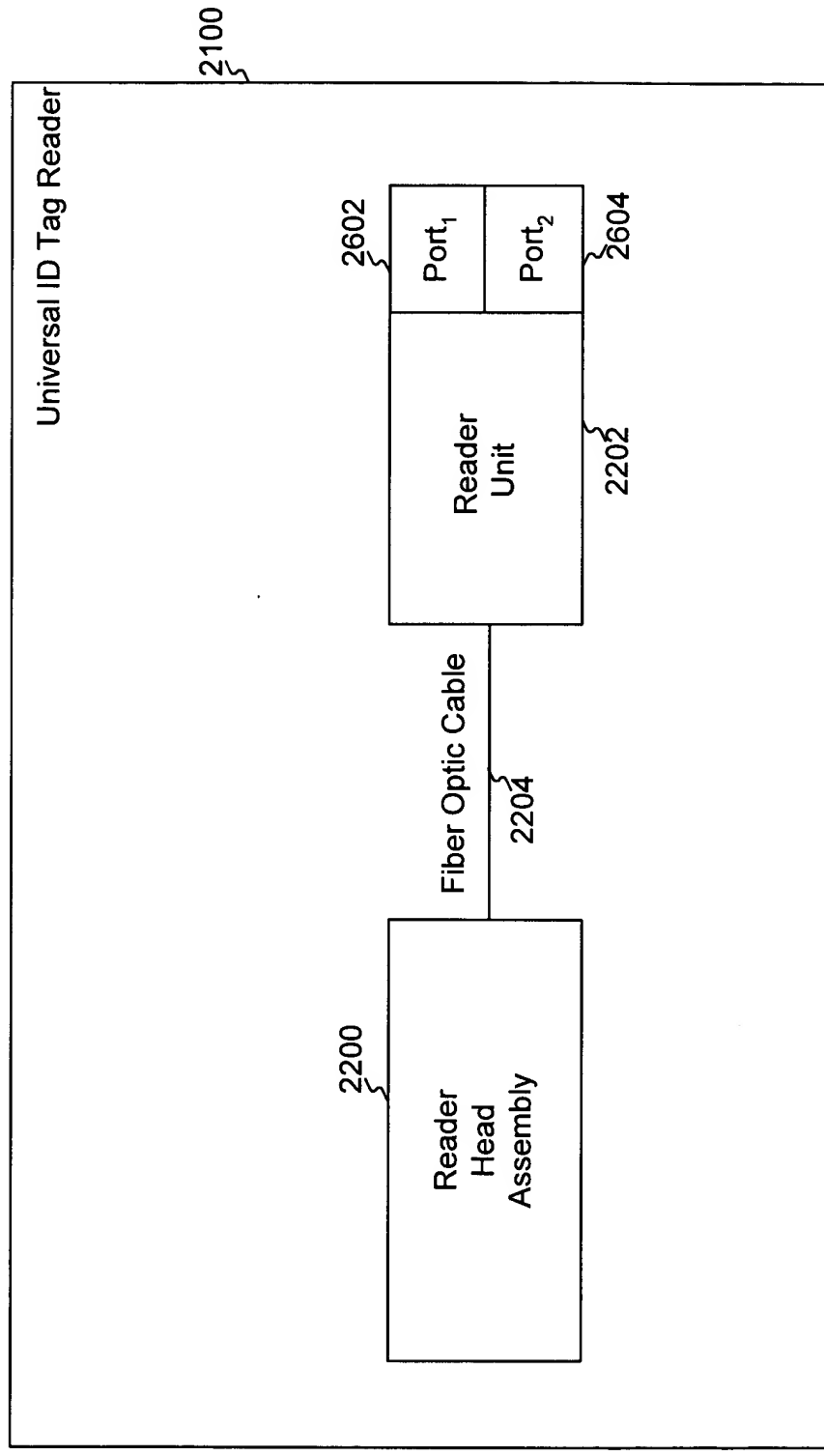


FIG. 26

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